

# Otoport

ADVANCE

Advanced clinical OAEs





## Advanced clinical OAEs

The Otoport Advance is the top of the range Otoport, an enhanced clinical handheld instrument, providing detailed test information enabling in-depth analysis of results on the instrument or on PC using the ILOV6 software supplied. Configurable settings facilitate traceable protocols. Programmable test 'macros' allow automated monitoring of OAEs over time with your choice of DPOAE and TEOAE tests at multiple levels.



**POWERFUL ANALYSIS**  
Clinical level  
DPOAE & TEOAE



**FULLY CUSTOMIZABLE**  
Protocols with  
editable names



**ADVANCED DPgram**  
1-8kHz, 2-16 pts / oct  
13 frequencies





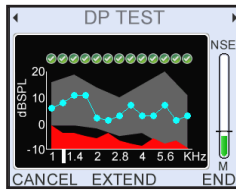
## OVERVIEW

- Light weight and portable with easy-to-use keypad
- Automated self-test system when powering on Otoport
- Intuitive test progress graphic displaying signal to noise progress
- Long battery life - up to 250 test cycles or one full working week
- On screen notification of poor probe fit, high noise level and ringing stimulus
- Each test is saved with the actual physiological response
- Comprehensive probe fit and noise level indicators
- On board Probe test facility and Probe ID tracking
- Create multiple user logins with password protection with Admin control if required
- Fast, noise-resistant mode
- Transfer data to the Otolink via the docking station
- Print wirelessly to the Otodynamics optional mini printer

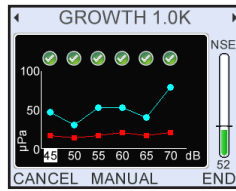
	DP <b>OAE</b>	TE <b>OAE</b>
<b>Test Configurability</b>	7 Protocols, 16 Parameters	3 Protocols, 16 Parameters
<b>Frequency Range</b>	1 to 8 kHz, 13 Frequencies	1, 1.5, 3, 4, 5, 6 kHz
<b>Freq. Resolution</b>	Up to 16 pts/octave	80Hz or 1/2 Octave bandwidth
<b>Stimulus Levels</b>	40 to 75 ( $\Delta 5$ dB) (dBSPL)	60 to 90 ( $\Delta 1$ db) (dBSPLpe)
<b>Pass Criteria</b>	9 Parameters	7 Parameters
<b>Pass SNR</b>	1 to 14dB per band ( $\Delta 1$ dB)	1 to 14dB ( $\Delta 1$ dB)



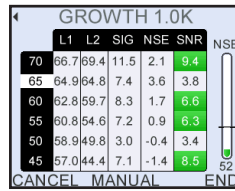
## ADVANCED CLINICAL OAEs



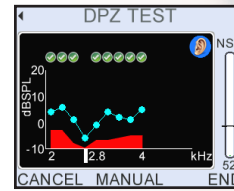
High quality 13 frequency DPgrams with settable normative range markers



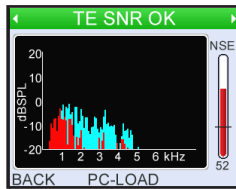
DP growth I/O function analysis, dB/dB and scissor modes. Intelligent or manual test progress management for fast testing



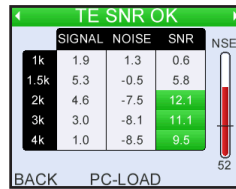
Detailed numerical data available with each test result. Stimulus, response noise levels plus signal to noise ratio SNR



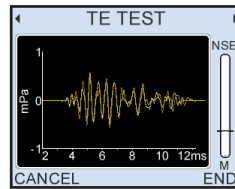
DP zoom focuses on a specific range of frequencies in high resolution (up to 16 pts/oct) to explore details



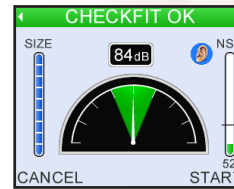
Comprehensive TEOAE analysis, high resolution spectrum



View TEOAE numerical data

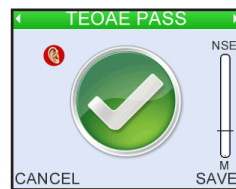


View TEOAE waveform

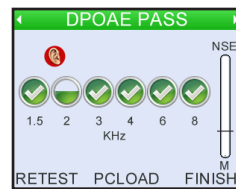


In-Ear Calibration ensuring accurate results

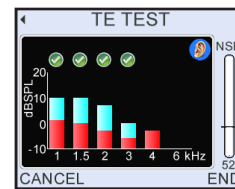
## SCREENING OAEs



Configurable as a simple-to-use TEOAE automated screener for hearing screening applications



Configurable as a simple-to-use DPOAE automated screener



View TEOAE signal and noise histogram

### Docking Station

The docking station provides full connectivity to the OAE Otoport, PC, printer and charger. Configure your Otoport to download and/or print result once docked, either via wired or wireless option.

(not compatible with ABR sleeve)





## FULLY CUSTOMIZABLE

Multi Test macro (x4 protocols) function-build a protocol giving a sequence of DP and/or TE tests. Comprehensive automatic or manual test setup of parameter, protocol and individual clinical pass criteria



## EASY DATA ENTRY & RECALL DATA

WORK LIST 3/3	
NAME	ID/NOTES
Roberts	OGPM1V02
Jones	OGPM1V03
Thomson	OGPM1V04
DELETE	DETAILS TEST

Programmable Worklist and downloadable secure database

AUTO 1/1	
	DP GROWTH
	DPG TEST
	GROWTH DB: 5.6K
FIT R <sup>2</sup>	0.97
27 Oct 17	11:04 ADN
BACK	PC-LOAD SELECT

Searchable 1000 tests storage listed in chronological order with on-screen test result summary table. Detailed demographic data

ENTER DETAILS			
ID/Notes	OGPM1V01		
Name	30	Dec	2011
D.O.B	31	Jan	2012
Gender	01	Feb	2013
CANCEL	INSERT		

Extensive patient database fields Enter Full Patient demographic data as needed



## OTOLINK

### PC Data Management Suite

Manage your data easily and efficiently with the Otolink PC patient data management suite. Download test results wirelessly\* or via USB from the Otoport or when docked in the docking station\*\*. Test details can be quickly reviewed, printed and archived. Printing reports directly to PDF file is available. Data can be exported, for example, to Oz, Hi Track, GDT, Noah\*\*\* or as CSV file. Patient work lists can be uploaded to the Otoport, assisting with managing workloads in busy environments. Otolink also provides access to firmware and application updates from Otodynamics via the internet. Compatible with Windows 10, 8 and 7.



\* With wireless connection option \*\* With docking station option \*\*\* With Noah option



## ILO v6

### PC Software

Transfer data from Otolink to our ILO-V6 OAE analysis software with tracked integration into the Echoport V6 database, and exporting to OZ, Hitrack, ASCII, XML, archive. Compatible with Windows 10, 8 and 7.



For further information, please contact us:

[www.otodynamics.com](http://www.otodynamics.com)  
info@otodynamics.com





# WHAT'S INCLUDED

## with your Otoport

- Docking station
- OAE probe with cable clip
- Sample ear tip pack
- Probe test cavity
- Sample infection control sleeve
- PC Otolink & ILOv6 software
- USB download cable
- User manuals
- Carry Case



**2** YEARS  
INSTRUMENT  
WARRANTY

# ADDITIONAL

## Options for your Otoport

### **OAE** + **ABR**

#### Add AABR with the easy-to-fit sleeve

At any time add ABR screening to your Otoport with the easy-to-fit ABR sleeve. Ideal for newborn screening. Configurable dBnHL stimulus level. Choice of pass criteria. Automated start for speed. Clear pass/refer indication. Real time ABR waveform view. Worklist and user login option for large screening programmes

(Includes wireless option as standard).  
(see Otoport ABR brochure).



#### ADD MINI PRINTER

Compact, fast print time, numerical and band pass data. Automatic print-on-connect mode. Battery Powered.

\*Choice of wired\*/wireless\*\* printing via the smart device



#### ADD NOAH

Our NOAH option makes Otolink PC data management suite fully compatible with Noah 4 and Noah 4 based data systems



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